Jake Cushway

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Education

**Bachelor of Science – Computer Science	University of Victoria, BC**	**Sep 2018 – May 2026**
**Full Stack Web Application Diploma	Selkirk College, BC**	**Sep 2021 – May 2022**

Technologies

Languages: C, JavaScript, Python, Java, Rust, SQL, MongoDB, Git, React, VueJS, HTML, CSS, FastAPI
Technologies: Oracle, Docker, Flask, Agile, OS, Linux, Apache2, Nginx

Relevant Work Experience

Freelance Web Development Contractor   Sep 2023 – Present
- Collaborated with clients, using technical and personal skills to deliver a custom-tailored webpage.
- Develop and host these websites on a private Linux server offering cost-effective web hosting rates.

Full Stack Developer Intern | Selkirk Innovates   May 2023 – May 2024
- Utilized grant funding to offer community members with innovative ideas a working prototype solution.
- Improved my understanding of JavaScript frameworks by developing and adding features to *State of the Basin* and *Basin Climate Source*.

Other Work Experience

Youth Support Worker | Threshold Housing Society   2024 – Present
- Help at-risk youth by providing support and guidance, which fosters positive youth development.
- Connected with youth from challenging backgrounds by building trusting relationships, enhancing program effectiveness and reducing their risk of homelessness.

Wildfire Crew Leader | British Columbia Wildfire Service   2016 – 2021
- Coordinated and led an initial attack fire crew, using leadership and strong communication to ensure team safety.
- Performed well under high-stress wildfire conditions by problem-solving and implementing effective strategies to save towns and timber.

Projects **github.com/jakecush1**

Mathiné | *Vue.js, Git, Nginx*   September 2025
- Creating a centralized organizational tools for students that integrates with the University of Victoria's online learning platform
- Improving bugs and UX for students using the app by retrieving user feedback to improve the usability and user engagement.

Client Management app | *Python, PyQt*   September 2024
- Created a contact tracking application by learning PyQt to gain a better understanding of building apps with Python.

State of the Basin | *JavaScript, Quasar, JSON database, Nginx*   May 2022 – May 2023
- Created a *Markdown-to-HTML converter* to automate building community profile pages, reducing manual data entry and streamlining content creation.
- Built an interactive front-end UI to generate and display custom community profiles, improving accessibility and user engagement.
- Developed a *Git-based auto-update script* to detect directory changes and deploy updates to the website, saving hundreds of hours of manual maintenance.

Sinixt.org | *HTML, CSS, WordPress, Apache2, Linux,*   May 2023
- Provided pro bono web services for the Sinixt nation to give them a platform to tell their story.
- Developed a custom website using WordPress and deployed it on a private server.

Last Minute Today | *Node.js, PostgreSQL, Quasar*   May 2022 – May 2023
- Developed an online booking application using Quasar frontend and Node.js API, to give the client a prototype application for a startup venture.

References available upon request